

### ABSTRACT OF THE DISCLOSURE

A fuel injection equipment to control the instability of combustion when the airflow is weak, and improve the fuel cost. A fuel injection equipment for an cylinder  
5 injection type and spark ignition type internal combustion engine that injects gasoline directly to a combustion chamber, wherein the top angle at the point of fuel spray in the pressurized atmosphere of absolute pressure 0.5MPa is from  $-10^{\circ}$  to  $10^{\circ}$  . Further, the fuel is injected at the compression stroke of the internal combustion engine which installs the fuel injection equipment, and said internal combustion engine is started.